

RD-27791

**POWER OF ATTORNEY**

In The United States Patent and Trademark Office

In re Application

**GIDDINGS et al.**

Serial No. **09/636,286**

: Group Art Unit No. **1731**

Filed **August 10, 2000**

: Examiner **John M. Hoffman**

For

**QUARTZ FUSION FURNACE AND METHOD  
FOR FORMING QUARTZ ARTICLES**

To the Assistant Commissioner for Patents:

GENERAL ELECTRIC COMPANY, assignee of the entire right, title and interest in and to the above application, hereby revokes all previous powers of attorney and appoints

Christian G. Cabou, Reg. No. 35,467, Donald S. Ingraham, Reg. No. 33,714, Noreen C. Johnson, Reg. No. 38,929, Patrick K. Patnode, Reg. No. 40,121, Ronald E. Myrick, Reg. No. 26,315, Henry J. Policinski, Reg. No. 26,621, James W. Mitchell, Reg. No. 25,602, Bernard Snyder, Reg. No. 24,843, Catherine J. Winter, Reg. No. 38,364, and John F. Beninati, Reg. No. 40,510, jointly, and each of them severally, its attorneys and attorney, with full power of delegation, substitution and revocation, to prosecute the said application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent Office connected therewith, and directs that all correspondence in connection with this application be addressed to:

Philip D. Freedman  
Attorney at Law  
6000 Wescott Hills Way  
Alexandria, VA 22315-4747

The undersigned is empowered to act on behalf of General Electric Company.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1-28-03

Date

GENERAL ELECTRIC COMPANY

By

Robert P. Johnson  
Patent Counsel

Corporate Research & Development

(CRD  
10/01/01)

**BEST AVAILABLE COPY**

## DECLARATION FOR PATENT APPLICATION

Docket Number  
RD-27,791

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

QUARTZ FUSION FURNACE AND METHOD FOR FORMING QUARTZ ARTICLES

the specification of which is attached hereto unless the following box is checked:

☒ was filed on 08/10/00 as United States Application Number or PCT International Application Number 09/636,286  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56. I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

## Prior Foreign Application

(Number)

(Country)

(Day/Month/Year Filed)

Priority Claimed

☐ Yes ☐ No

(Number)

(Country)

(Day/Month/Year Filed)

☐ Yes ☐ NoI hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Application Number)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code §120 of any United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, CUSTOMER NO. 006147.

Douglas E. Stoner, Reg. No. 26,509, Marvin Snyder, Reg. No. 20,126, Donald S. Ingraham, Reg. No. 33,714, Jill M. Breedlove, Reg. No. 32,684, Noreen C. Johnson, Reg. No. 38,929, Ronald E. Myrick, Reg. No. 26,315, Henry J. Policinski, Reg. No. 26,621, Jay L. Chaskin, Reg. No. 24,030, James W. Mitchell, Reg. No. 25,602, Bernard Snyder, Reg. No. 24,843 and Catherine J. Winter, Reg. No. 38,364.

Address all telephone calls to: Noreen C. Johnson at telephone number (518) 387-7863Address all correspondence to: **General Electric Company**  
**CRD Patent Docket Rm 4A59**  
**P.O. B x 8, Bldg. K-1 - Salamone**  
**Schenectady, N w Y rk 12301**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SOLE OR FIRST INVENTOR:

Full name: Robert Arthur Giddings

Signature: Robert Arthur Giddings Date 10/10/2000

Residence: Slingerlands, New York  
City and State

Citizenship: USA

Post Office Address: 68 North Helderberg Parkway, Slingerlands, NY 12159

SECOND JOINT INVENTOR:

Full name: Frederic Francis Ahlgren

Signature: Frederic Francis Ahlgren Date 10/12/00

Residence: Highland Heights, Ohio  
City and State

Citizenship: USA

Post Office Address: 5635 Ashler Circle, Highland Heights, OH 44143

THIRD JOINT INVENTOR:

Full name: \_\_\_\_\_  
First Name Middle Name Last Name

Signature: \_\_\_\_\_ Date \_\_\_\_\_

Residence: \_\_\_\_\_  
City and State

Citizenship: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

FOURTH JOINT INVENTOR: -

Full name: \_\_\_\_\_  
First Name Middle Name Last Name

Signature: \_\_\_\_\_ Date \_\_\_\_\_

Residence: \_\_\_\_\_  
City and State

Citizenship: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

# ASSIGNMENT

Docket Number  
RD-27,791

In consideration of One Dollar and Other good and valuable consideration, of which I acknowledge receipt, I (we)

Robert Arthur Giddings  
Frederic Francis Ahlgren

of Slingerlands, NY  
of Highland Heights, OH  
of  
of  
of  
of  
of  
of  
of  
of  
of  
of  
of  
of

sell and assign to General Electric Company, a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in:

# QUARTZ FUSION FURNACE AND METHOD FOR FORMING QUARTZ ARTICLES

invented by me (us), as described in the application for United States patent

☐ executed concurrently herewith, or  
☒ U.S. Serial No.: 09/636,286 , filed 08/10/00

and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting therefrom to said General Electric Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I will communicate to said Company or its representatives or nominees any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

10/10/2000  
Date

*Robert Arthur Giddings*  
Robert Arthur Giddings

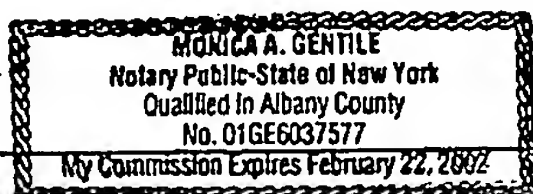
State of New York ) SS:

County of Schenectady)

This 10<sup>th</sup> day of October, 2000, before me personally came the

above-named Robert Arthur Giddings to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal



Monica A. Gentile  
(Notary Public)

ASSIGNMENT

Docket Number  
RD-27,791

10/12/00  
Date

Frederic Francis Ahlgren  
Frederic Francis Ahlgren

State of Ohio ) SS:

County of Lake )

This 12<sup>th</sup> day of October, 2000, before me personally came

Frederic Francis Ahlgren  
the above-named \_\_\_\_\_ to me personally known as the  
individual who executed the foregoing assignment, who acknowledged to me that he/she executed the  
same of his/her own free will for the purposes therein set forth.

Seal

Debra A. DeFrancesco  
(Notary Public)  
DEBRA A. DeFRANCESCO  
Notary Public, State of Ohio  
My Commission Expires 6/22/2002  
Recorded in Lake County

\_\_\_\_\_  
Date

State of \_\_\_\_\_ ) SS:

County of \_\_\_\_\_ )

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came

the above-named \_\_\_\_\_ to me personally known as the  
individual who executed the foregoing assignment, who acknowledged to me that he/she executed the  
same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)

\_\_\_\_\_  
Date

State of \_\_\_\_\_ ) SS:

County of \_\_\_\_\_ )

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came

the above-named \_\_\_\_\_ to me personally known as the  
individual who executed the foregoing assignment, who acknowledged to me that he/she executed the  
same of his/her own free will for the purposes therein set forth.

Seal

\_\_\_\_\_  
(Notary Public)